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PHOTOGRAPHIC INTERPRETATION BRIEF

130-150 NM IMPACT AREA KAPUSTIN YAR MISSILE TEST RANGE

USSR



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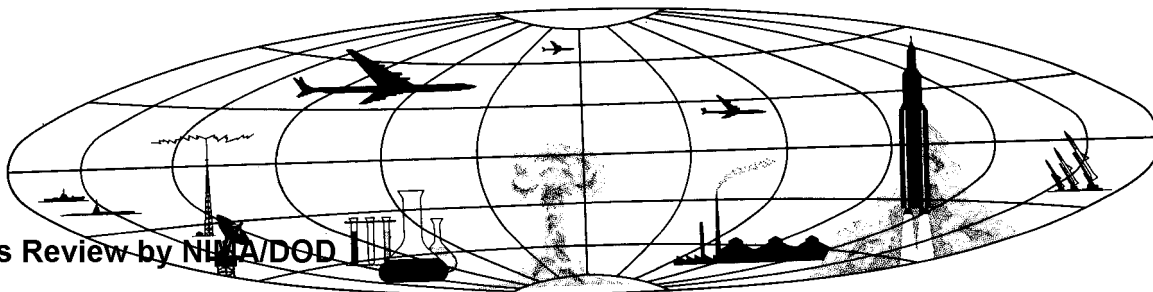


NSA

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER



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130-150 NM IMPACT AREA, KAPUSTIN YAR MISSILE TEST RANGE

The section of the Kapustin Yar Missile Test Range (KYMTR) in the vicinity of the 130-150 nautical mile (nm) Impact Area (Figure 1) was covered by good, clear [] photography in [] and fair [] photography in []. Part of this area was covered by poor-quality [] tracker photography only in [] [] but no ground patterns other than natural features can be compared.

[] information on the KYMTR 130-150 nm impact area, as listed in requirement referenced below, includes the following items:

Impact area headquarters (A31B/C and A36B/C) located at Novaya Kazanka.

Ballistic impact base reference point at 143.5 nm, 48-28N 49-51E.

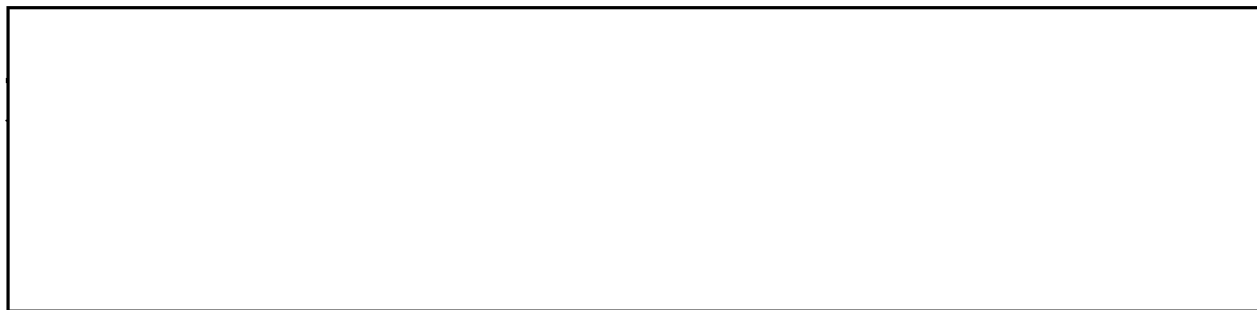
Ballistic impact base reference point at 146 nm, 48-27N 49-56E.

Cruise missile impact base reference point at 129.3 nm, exact coordinates undetermined.

Ballistic line-of-fire at impact, 277°33'12".

Airstrip at 48-51N 49-15E, and/or 48-58N 49-35E, and/or 49-03N 50-25E.

At least 8 command instrumentation points (KIPS) believed to be situated along the line-of-fire from 85 nm to 150 nm downrange.



Map culture in the vicinity of the impact area is extremely weak. A photo mosaic of the area from Novaya Kazanka through Astrakhan was

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laid and a geographic-coordinate grid superimposed on it, thereby permitting the determination of coordinates for installations identified from photography. [REDACTED]

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25X1D [REDACTED]

25X1 There is no photographic evidence of track activity in the vicinity of the [REDACTED] coordinates for the three base reference points. The photography, does, however, indicate areas of heavy track activity in the same relative positions approximately 12 nm northeast of the [REDACTED] coordinates for the reference points. These areas of heavy track activity fall on approximately the same line-of-fire as that reported in [REDACTED] for ballistic-missile impacts in the area.

The following items have been identified from [REDACTED] photography in the vicinity of the KYMTR 130-150 nm impact area. (Numbers are keyed to lower panel of Figure 1).

1. Possible instrumentation position at 48-08N 48-36E. The position consists of a large rectangular structure and three or four possible vehicles/vans.
2. Possible instrumentation position at 48-23N 50-20E. The position consists of a large rectangular structure and two or three possible vehicles/vans.
3. Possible instrumentation position at 48-43N 50-12E. The position consists of a large rectangular structure. No vehicles are visible.
4. Possible instrumentation position at 48-36N 49-26E. The position consists of 6-8 possible vehicles or vehicle emplacements with a surrounding firebreak.
5. Possible instrumentation position at 48-39N 49-21E. The position consists of three or four possible vehicles or vehicle emplacements with a surrounding firebreak.
6. Possible instrumentation position at 48-35N 49-12E. The position consists of three or four possible vehicles or vehicle emplacements with a surrounding firebreak.

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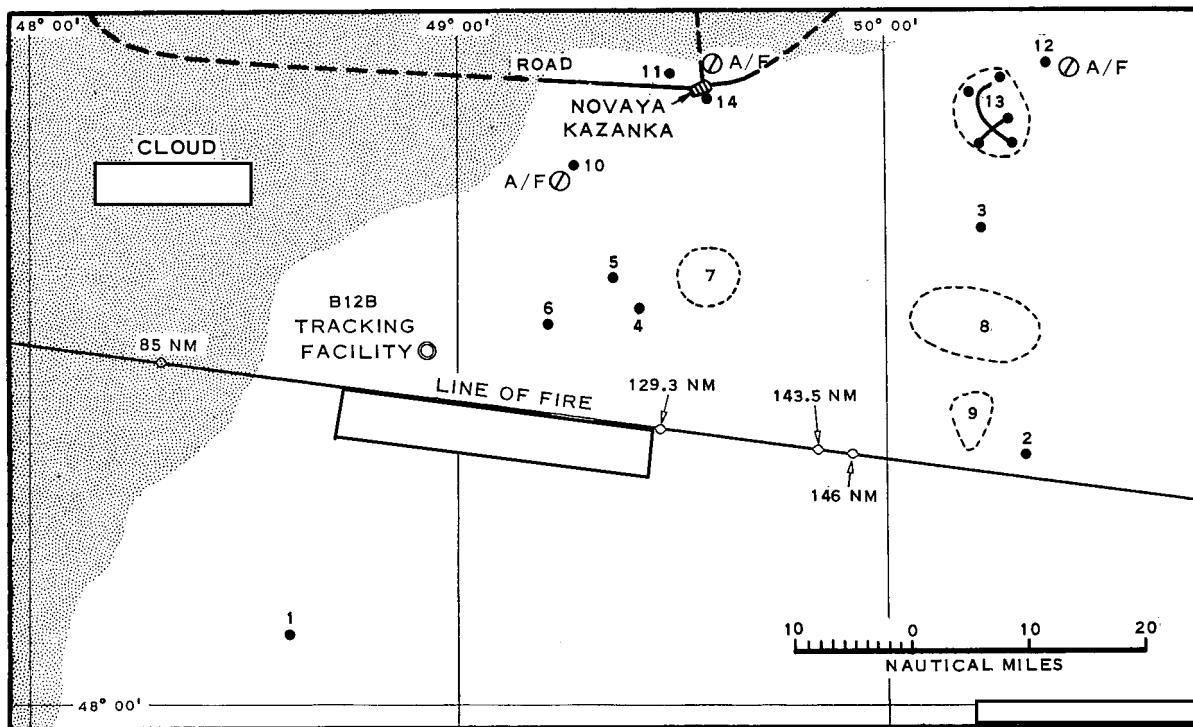
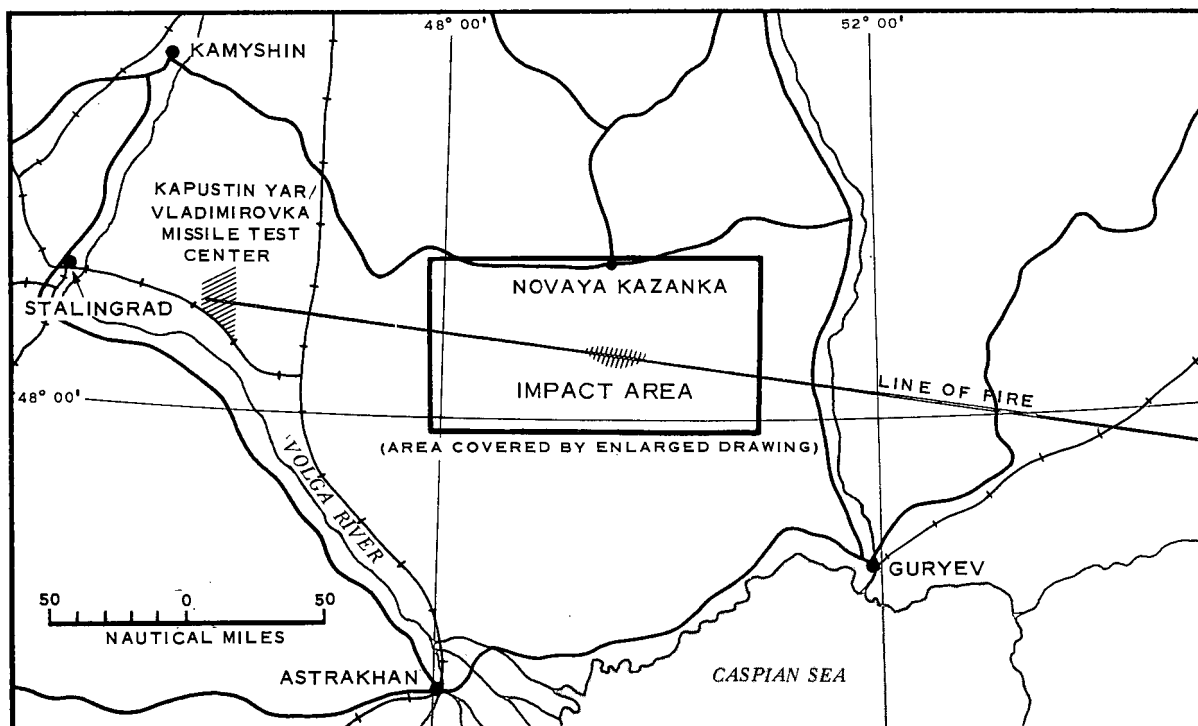


FIGURE 1. KAPUSTIN YAR MISSILE TEST RANGE 130-150NM IMPACT AREA.

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7. Area of heavy track activity centered at 48-39N 49-36E.
 8. Area of heavy track activity centered at 48-35N 50-11E.
 9. Area of heavy track activity centered at 48-26N 50-11E.
 10. Possible headquarters/support area at 48-49N 49-16E. The area contains at least 13 small structures, approximately 44 possible tents, a possible radar site, and an undefined possible landing area.
 11. Possible headquarters/support area at 48-57N 49-30E. The area contains 12 large structures, 6 small structures, 3 possible radar/communications sites, an undefined possible landing area, and a possible cable line connecting the area to Novaya Kazanka.
 12. Possible landing area at 48-58N 50-22E. This area may be in support of Item 13.
 13. Area of unidentified activity centered at 48-54N 50-15E. The area measures 6 by 3 nm and contains approximately five defined points with connecting roads and possible cable scars.
 14. Possible instrumentation position at 48-56N 49-36E. This position is near the southeast end of the village of Novaya Kazanka. The position contains a large rectangular structure and a smaller structure within a fenced area. This position is similar to items 1, 2, and 3.
- The village of Novaya Kazanka proper does not appear to have any facilities which could be related to the KYMTR or VAWARC.

REFERENCES

REQUIREMENT

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